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Commissioner of Patents
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Alexandria, Virginia 22313-1450
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AUG 01 2005

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

33402 7590 06/15/2005

LAW OFFICES OF MARK C. PICKERING
P.O. BOX 300
PETALUMA, CA 94953

08/02/2005 HDESTA2 00000051 10821501

01 FC:1501 1400.00 OP
 02 FC:8001 30.00 OP

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Robin L. King (Depositor's name)
 Robin L. King (Signature)
 July 27, 2005 (Date)

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
|-----------------|-------------|----------------------|---------------------|------------------|

10/821,501 04/09/2004 Abdalla Aly Naem 100-15120 1418

TITLE OF INVENTION: BIPOLAR TRANSISTOR WITH AN ULTRA SMALL SELF-ALIGNED POLYSILICON EMITTER (P04976-P01-D01)

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|-------------|--------------|-----------|-----------------|------------------|----------|
|-------------|--------------|-----------|-----------------|------------------|----------|

nonprovisional NO \$1400 \$0 \$1400 09/15/2005

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|----------|----------|----------------|
|----------|----------|----------------|

WOJCIECHOWICZ, EDWARD JOSEPH 2815 257-565000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Mark C. Pickering

2

3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

NATIONAL SEMICONDUCTOR CORPORATION

SANTA CLARA, CALIFORNIA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☐ Publication Fee (No small entity discount permitted)
☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 502305 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Mark C. Pickering

Date

7-27-05

Typed or printed name

Mark C. Pickering

Registration No.

36,239

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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AUG 01 2005
PATENT & TRADEMARK

PTO/SB/21 (08-03)

Approved for use through 07/31/06. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

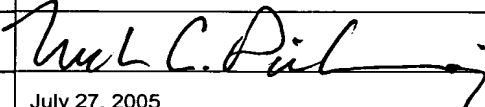
(to be used for all correspondence after initial filing)

| | | | |
|---|-----------------------------|-------------------------------|----------------------------|
| Application Number | 10/821,501 | | |
| | Filing Date | April 9, 2004 | |
| | First Named Inventor | Abdalla Aly Naem | |
| | Group Art Unit | 2815 | |
| | Examiner Name | Edward Joseph Wojciechowicz | |
| Total Number of Pages in This Submission | 6 | Attorney Docket Number | 100-15120 (P04976-P01-D01) |

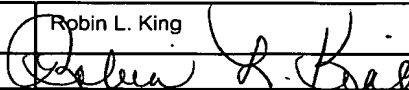
ENCLOSURES (check all that apply)

| | | |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate) <input checked="" type="checkbox"/> Fee Attached (check for \$1430) <input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final (Response) <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard Certificate of Mailing Issue Fee Transmittal PTOL-85 Part B (copy) |
| Remarks | | Please charge any necessary fees or credit overpayment to Deposit Account No. 502305. A duplicate copy of this transmittal is attached for this purpose. |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|--------------------------------|---|
| Firm or Individual name | Mark C. Pickering, Reg. No. 36,239 |
| Signature |  |
| Date | July 27, 2005 |

CERTIFICATE OF MAILING

| | | | |
|---|---|-------------|---------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: July 27, 2005 | | | |
| Typed or printed name | Robin L. King | | |
| Signature |  | Date | July 27, 2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

FEE TRANSMITTAL**For FY 2005**

Patent Fees are subject to annual revision.

AUG 01 2005

PATENT & TRADEMARK OFFICE

TOTAL AMOUNT OF PAYMENT \$1430**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge any fees or credit any overpayment under 37 CFR 1.16 and 1.17 which may be required by this paper to Deposit Account No. 502305

LAW OFFICES OF MARK C. PICKERING☐ Applicant claims small entity status. See 37 CFR 1.27.2. ☒ **Payment Enclosed:**☒ Check ☐ Money Order ☐ Other**FEE CALCULATION****1. FILING FEE/SEARCH FEE/EXAMINATION FEE****LARGE ENTITY****SMALL ENTITY**

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|----------------|----------|----------------|----------|-----------------|----------|
| 1011/1111/1311 | 1000 | 2011/2111/2311 | 500 | Utility | |
| 1012/1112/1312 | 430 | 2012/2112/2312 | 215 | Design | |
| 1013/1113/1313 | 660 | 2013/2113/2313 | 330 | Plant | |
| 1014/1114/1314 | 1400 | 2014/2114/2314 | 700 | Reissue | |
| 1005 | 200 | 2005 | 100 | Provisional | |

SUBTOTAL (1)

0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | Extra Claims | Fee from below | Fee Paid |
|------------------------|--------------|----------------|----------|
| Total Claims * - 20 ** | = 0 | x 50 | = \$ 0 |
| Independent * - 3 | = 0 | x 200 | = \$ 0 |
| Multiple Dep. | * | | = \$ 0 |

** or number previously paid, if greater; for Reissues, see below:

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description |
|-----------------------|-----------------------|-----------------------|-----------------------|--|
| 1202 | 50 | 2202 | 25 | Claim in excess of 20 |
| 1201 | 200 | 2201 | 100 | Independent claims in excess of 3 |
| 1203 | 360 | 2203 | 180 | Multiple dependent claim, if not paid |
| 1204 | 200 | 2204 | 100 | ** Reissue ind. claims over original patent |
| 1205 | 50 | 2205 | 25 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) \$0**Complete if Known**

| | |
|-----------------------|-----------------------------|
| Application Number | 10/821,501 |
| Filing Date | April 9, 2004 |
| First Named Inventor | Abdalla Aly Naem |
| Examiner Name | Edward Joseph Wojciechowicz |
| Group Art Unit | 2815 |
| Attorney Document No. | 100-15120 (P04876-P01-D01) |

FEE CALCULATION (continued)**3. Additional Fees**

Large Entity

Small Entity

Fee Code Fee

| | | | | | |
|------|------|------|------|--|------|
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2520 | 1812 | 2520 | For filing a request for ex parte reexamination | |
| 1804 | 920 | 1804 | 920 | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1840 | 1805 | 1840 | Requesting publication of SIR after Examiner action | |
| 1251 | 120 | 2251 | 60 | Extension for reply within first month | |
| 1252 | 450 | 2252 | 225 | Extension for reply within second month | |
| 1253 | 1020 | 2253 | 510 | Extension for reply within third month | |
| 1254 | 1590 | 2254 | 795 | Extension for reply within fourth month | |
| 1255 | 2160 | 2255 | 1080 | Extension for reply within fifth month | |
| 1401 | 500 | 2401 | 250 | Notice of Appeal | |
| 1402 | 500 | 2402 | 250 | Filing a brief in support of an appeal | |
| 1403 | 1000 | 2403 | 500 | Request for oral hearing | |
| 1451 | 1510 | 1451 | 1510 | Petition to institute a public use proceeding | |
| 1452 | 500 | 2452 | 250 | Petition to revive-unavoidable | |
| 1453 | 1500 | 2453 | 750 | Petition to revive-unintentional | |
| 1501 | 1400 | 2501 | 700 | Utility issue fee (or reissue) | 1400 |
| 1502 | 800 | 2502 | 400 | Design issue fee | |
| 1503 | 1100 | 2503 | 550 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 790 | 2809 | 395 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 790 | 2810 | 395 | For each additional invention be examined (37 CFR 1.129(b)) | |
| 1801 | 790 | 2801 | 395 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |

Other: 10 Soft Copies

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*Reduced by Basic Filing Fee Paid **SUBTOTAL (3)**

\$1400

SUBMITTED BY

Law Offices of Mark C. Pickering
P.O. Box 300
Petaluma, CA 94953-0300
Telephone: (707) 762-5583
Facsimile: (707) 762-5504
Customer No. 33402

Date:

7-27-05

By:

Mark C. Pickering
Mark C. Pickering, Reg. No. 36,239

FEE TRANSMITTAL**For FY 2005**

Patent Fees are subject to annual revision.

AUG 01 2005

PATENT & TRADEMARK

TOTAL AMOUNT OF PAYMENT \$1430

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge any fees or credit any overpayment under 37 CFR 1.16 and 1.17 which may be required by this paper to Deposit Account No. **502305**

LAW OFFICES OF MARK C. PICKERING☐ Applicant claims small entity status. See 37 CFR 1.27.2. ☒ **Payment Enclosed:**☒ Check ☐ Money Order ☐ Other**FEE CALCULATION****1. FILING FEE/SEARCH FEE/EXAMINATION FEE**

LARGE ENTITY

SMALL ENTITY

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| Independent * - 3 | = 0 | x 200 | = \$ 0 |
| Multiple Dep. | | * | = \$ 0 |

** or number previously paid, if greater; for Reissues, see below:

| Large Entity Fee Code | Small Entity Fee Code | Fee (\$) | Fee Description |
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| 1201 | 2201 | 100 | Independent claims in excess of 3 |
| 1203 | 2203 | 180 | Multiple dependent claim, if not paid |
| 1204 | 2204 | 100 | ** Reissue ind. claims over original patent |
| 1205 | 2205 | 25 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

\$0

SUBMITTED BY

Law Offices of Mark C. Pickering
P.O. Box 300
Petaluma, CA 94953-0300
Telephone: (707) 762-5583
Facsimile: (707) 762-5504
Customer No. 33402

Complete if Known

| | |
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| Application Number | 10/821,501 |
| Filing Date | April 9, 2004 |
| First Named Inventor | Abdalla Aly Naem |
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\$1400

Date:

7-27-05

By:

Mark C. Pickering, Reg. No. 36,239